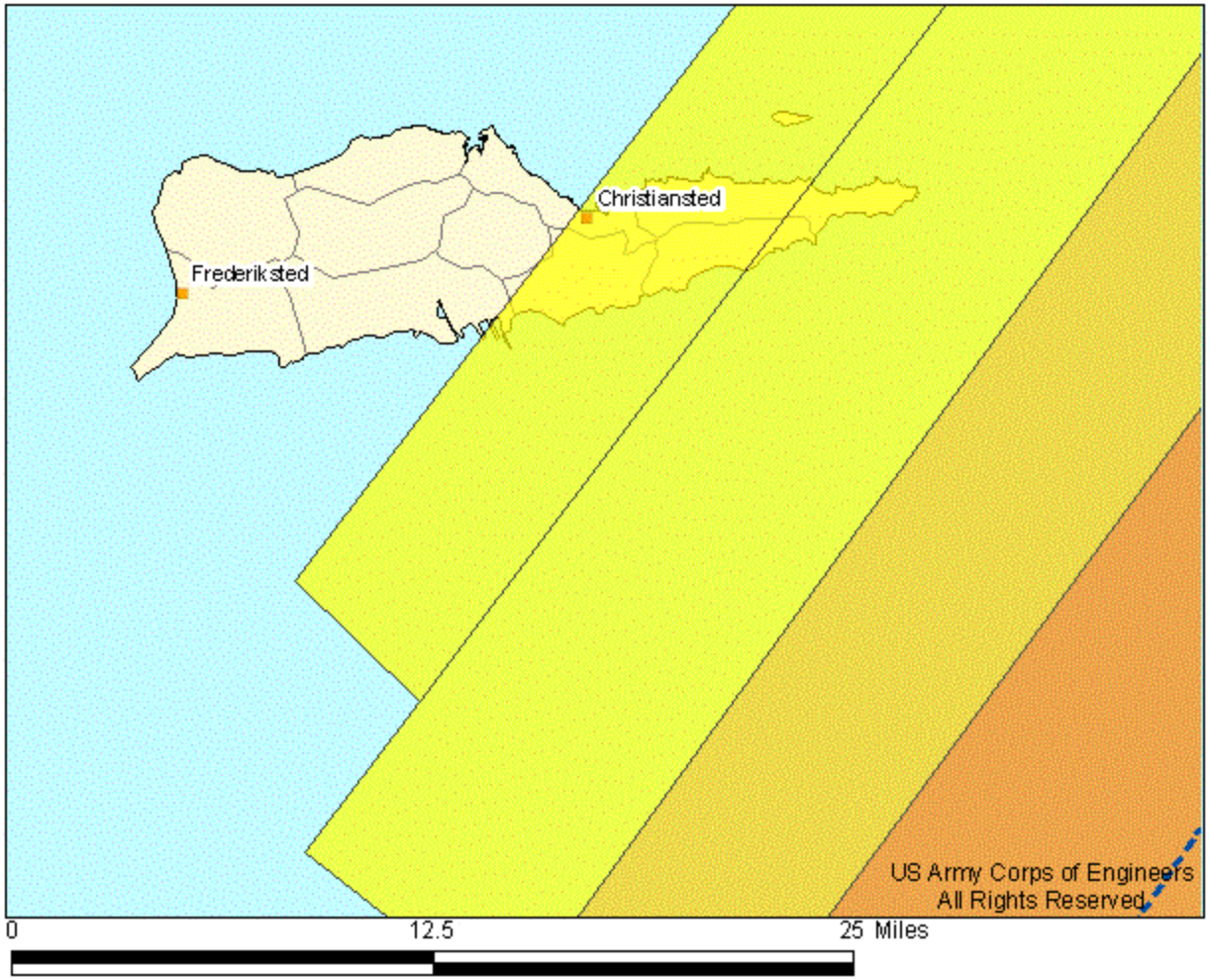
US Army Corps of Engineers

Hurricane Omar Projected Damage Areas

Landfall Expected In About 1 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC (2300 EDT 10/15/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Omar Projected Damage Areas	
Generated By: Siemsen, LRL 2330 EDT 10/15/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 13

US Army Corps of Engineers

Hurricane Omar Debris Model

Landfall Expected In About **1** Hours

For Planning Purposes Only!

Post Landfall Debris Model Results

St Croix - 21,000 Yards

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC (2300 EDT 10/15/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane Omar Debris Model	
Generated By: Siemsen, LRL 2330 EDT 10/15/2008	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Omar Debris Model

Landfall Expected In About 1 Hours

For Planning Purposes Only!

Island	Yards per Island	Geographic Unit	Yards per Geographic Unit
ST CROIX		ANNA'S HOPE VILLAGE	6,000
		CHRISTIANSTED	7,000
		EAST END - NORTH	6,000
		EAST END - SOUTH	2,000
		SION FARM	< 1,000
		SOUTHCENTRAL	< 1,000
ST CROIX	21,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane Omar Debris Model

Generated By:
Siemsen, LRL 2330 EDT 10/15/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Omar Commodities Model

Landfall Expected In About **1** Hours

For Planning Purposes Only!

Post Landfall Water Model Results

Daily Need
St Croix - 6 Truckloads

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC ***(2300 EDT 10/15/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Omar Commodities Model	
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Sources: HURREVAC LRL-DEBRIS	Page 4 of 13

US Army Corps of Engineers

Hurricane Omar Commodities Model

Landfall Expected In About 1 Hours

For Planning Purposes Only!

Island	Truckloads per Island	Geographic Unit	Truckloads per Geographic Unit
ST CROIX		ANNA'S HOPE VILLAGE	1
		CHRISTIANSTED	1
		EAST END - NORTH	1
		EAST END - SOUTH	1
		SION FARM	1
		SOUTHCENTRAL	1
ST CROIX	6		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane Omar Commodities Model

Generated By:
Siemsen, LRL 2330 EDT 10/15/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Omar Temporary Roofing Model

Landfall Expected In About **1** Hours

For Planning Purposes Only!

Post Landfall Temporary Roofing Model Results

Less than 500 units

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC (2300 EDT 10/15/2008) forecast. Temporary roofing is based on 3% in CAT 1, 8% in CAT 2 and 15% in CAT 3.

Details about this model may be obtained at http://www.englinkusace.army.mil
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Hurricane Omar Roofing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 6 of 13

US Army Corps of Engineers

Hurricane Omar Temporary Roofing Model

Landfall Expected In About **1** Hours

For Planning Purposes Only!

Island	House Units per Island	Geographic Unit	House Units per Geographic Unit
ST CROIX		ANNA'S HOPE VILLAGE	< 100
		CHRISTIANSTED	< 100
		EAST END - NORTH	< 100
		EAST END - SOUTH	< 100
		SION FARM	< 100
		SOUTHCENTRAL	< 100
ST CROIX			

Temporary roofing is based on 3% in CAT 1, 8% in CAT 2 and 15% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane Omar Roofing Model

Generated By:
Siemsen, LRL 2330 EDT 10/15/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Omar Temporary Housing Model

Landfall Expected In About **1** Hours

For Planning Purposes Only!

Post Landfall Temporary Housing Model Results

None Expected

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC (2300 EDT 10/15/2008) forecast. Temporary housing is based on 1% in CAT 2 and 3% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Omar Housing Model	
Generated By: Siemsen, LRL 2330 EDT 10/15/2008	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Omar Temporary Housing Model

Landfall Expected In About 1 Hours

For Planning Purposes Only!

Island	House Units per Island	Geographic Unit	House Units per Geographic Unit

US Army Corps of Engineers

Hurricane Omar Population Model

Landfall Expected In About 1 Hours

For Planning Purposes Only!

Post Landfall Results – Resident Population Within Hurricane Force Winds

St Croix - 14,000

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC (2300 EDT 10/15/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Omar Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 10 of 13

US Army Corps of Engineers

Hurricane Omar Population Model

Landfall Expected In About **1** Hours

For Planning Purposes Only!

Island	Population per Island	Geographic Unit	Population per Geographic Unit
ST CROIX		ANNA'S HOPE VILLAGE	4,000
		CHRISTIANSTED	5,000
		EAST END - NORTH	3,000
		EAST END - SOUTH	2,000
		SION FARM	< 1,000
		SOUTHCENTRAL	< 1,000
ST CROIX	14,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane Omar Population Model

Generated By:
Siemsen, LRL 2330 EDT 10/15/2008

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Omar Households Model

Landfall Expected In About 1 Hours

For Planning Purposes Only!

Post Landfall Results – Resident Households Within Hurricane Force Winds

St Croix - 4,000

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near St Croix, USVI.

Forecast Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near St Croix, USVI. These projections are based on information from the NHC (2300 EDT 10/15/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane Omar Households Model	
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Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Omar Households Model

Landfall Expected In About 1 Hours

For Planning Purposes Only!

Island	Households per Island	Geographic Unit	Households per Geographic Unit
ST CROIX		ANNA'S HOPE VILLAGE	2,000
		CHRISTIANSTED	2,000
		EAST END - NORTH	< 1,000
		EAST END - SOUTH	< 1,000
		SION FARM	< 1,000
		SOUTHCENTRAL	< 1,000
ST CROIX	4,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane Omar Households Model

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